

AMENDMENTS TO THE CLAIMS

Claims 1 - 34 were originally pending. No claims have been amended. Please add new claims 35 - 67. No claims have been canceled or withdrawn. Accordingly, claims 1 - 67 are pending. The following listing of claims replaces all prior versions of claims in the application.

Listing of Claims:

1. (Previously presented) A method for a server computer to automatically provide content to a client computer, the method comprising:

receiving, by the server computer, a request from the client computer for one or more requested content items; and

responsive to receiving the request:

identifying, by the server computer, a data structure that refers to one or more further content items;

modifying, by the server computer, the data structure to reference the requested content items; and

providing, by the server computer, the content items referenced by the modified data structure to the client computer.

2. (Previously presented) A method as recited in claim 1:

wherein identifying the data structure, the data structure comprises a playlist;

wherein receiving the request, the one or more requested content items comprises streaming media content; and

wherein providing the content items further comprises streaming the content items referred to by the playlist.

3. (Previously presented) A method as recited in claim 1, wherein identifying the data structure, the data structure comprises a first Web page specification, and the requested content comprises a second Web page specification.

4. (Previously presented) A method as recited in claim 1, wherein modifying the data structure further comprises adding a plurality of references to the requested content item in the data structure.

5. (Previously presented) A method as recited in claim 1, wherein modifying the data structure further comprises adding a plural number of references to the requested content item in the data structure, the number being indicated by the request.

6. (Previously presented) A method as recited in claim 1, wherein receiving the request, further comprises receiving a variety of requests from the client computer, at least one subset of the variety of requests comprising respective requests to one or more different content items.

7. (Previously presented) A method as recited in claim 1, wherein modifying the data structure, the data structure further comprises a placeholder that identifies

a particular point in a sequence where the reference to the requested content is placed.

8. (Previously presented) A method as recited in claim 1, wherein identifying the data structure further comprises creating the data structure by modifying a base data structure.

9. (Previously presented) A method as recited in claim 1, wherein identifying the data structure further comprises creating the data structure by copying a base data structure.

10. (Previously presented) One or more computer-readable media containing computer program instructions for providing streaming media content to a plurality of clients, the computer program instructions comprising instructions for:

receiving, by a server computer, a request that refers to one or more streaming media content items;

identifying, by a server computer, a playlist that refers to a sequence of one or more further streaming media content items;

modifying, by a server computer, the playlist to reference the one or more requested streaming media content items in the sequence; and

streaming, by a server computer, the streaming media content items referenced by the modified playlist to at least one requesting client computer.

11. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist further comprises adding a plurality of references to the requested content item to the playlist.

12. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist further comprises adding a plural number of references to the requested content item to the playlist, the number being indicated by the received request.

13. (Original) One or more computer-readable media as recited in claim 10, wherein identifying the playlist further comprises creating the playlist by modifying a base playlist.

14. (Original) One or more computer-readable media as recited in claim 10, wherein identifying the playlist further comprises creating the playlist by modifying a copy of a base playlist.

15. (Original) One or more computer-readable media as recited in claim 10, wherein modifying the playlist, the data structure further comprises a placeholder that identifies a particular point in the sequence where the requested content is placed.

16. (Original) One or more computer-readable media as recited in claim 10, wherein receiving the request further comprises instructions for receiving a variety

of requests from the client, at least one subset of the variety of requests comprising respective requests to one or more different streaming media content items.

17. (Previously presented) One or more computer-readable media containing computer program instructions for a server computer to provide ~~providing~~ Web content to a plurality of ~~clients~~ client computers, the computer program instructions comprising instructions for:

receiving, by a server computer, a request from ~~the client~~ a client computer for one or more requested Web documents;

responsive to receiving the request:

identifying, by a server computer, a wrapper Web document that refers to one or more further Web documents;

modifying, by a server computer, the wrapper Web document to reference the one or more requested Web documents; and

providing, by a server computer, the Web documents referenced by the modified wrapper Web document to the client.

18. (Original) One or more computer-readable media as recited in claim 17: wherein modifying the wrapper Web document further comprises adding a plurality of references to the requested Web documents in the wrapper Web document.

19. (Original) One or more computer-readable media as recited in claim 17, wherein modifying the wrapper Web document further comprises:

adding a plural number of references to the requested Web documents in the wrapper Web document, the number being indicated by the received request.

20. (Original) One or more computer-readable media as recited in claim 17, wherein identifying the wrapper Web document, the wrapper Web document is a base wrapper Web document.

21. (Original) One or more computer-readable media as recited in claim 17, wherein identifying the wrapper Web document, the wrapper Web document is a copy of a base wrapper Web document.

22. (Original) One or more computer-readable media as recited in claim 17, wherein modifying the wrapper Web document, the wrapper Web document further comprises a placeholder that identifies a particular point in a sequence where the requested documents are referenced.

23. (Original) One or more computer-readable media as recited in claim 17, wherein receiving the request further comprises instructions for receiving a variety of requests from the client, at least a subset of the variety comprising respective requests to one or more different Web specification documents.

24. (Previously presented) A server including a processor configured to perform one or more operations comprising:

receiving a plurality of requests from a client for one or more requested content items;

responsive to receiving the request, and for at least a subset of the received requests:

(a) identifying, by the server, a data structure containing a sequence of references to one or more further content items;

(b) modifying, by the server, the data structure reference to the requested content items; and

(c) communicating, by the server, the content items referenced by the modified data structure to the client.

25. (Original) A server as recited in claim 24, wherein the data structure comprises a playlist, the requested content comprising streaming media content, and wherein the communicating comprises streaming the content items referenced by the modified data structure to the client.

26. (Original) A server as recited in claim 24, wherein the data structure comprises a first Web page specification, and wherein the requested content comprises a second Web page specification.

27. (Original) A server as recited in claim 24, wherein modifying the data structure comprises including a plurality of references to the requested content item in the data structure.

28. (Original) A server as recited in claim 24, wherein modifying the data structure comprises including a plural number of references to the requested content item in the data structure, the number being indicated by the request.

29. (Original) A server as recited in claim 24, wherein identifying the data structure comprises creating the data structure by modifying a base data structure.

30. (Original) A server as recited in claim 24, wherein identifying the data structure comprises identifying the data structure by modifying a copy of a base data structure.

31. (Original) A server as recited in claim 24, wherein at least a subset of the received requests refer to differing content items.

32. (Original) A computer-readable medium having stored thereon a wrapper data structure comprising:

one or more first data fields, each data field containing data therein representing a respective reference to a set of content items; and

at least one second data field containing data therein representing a respective placeholder to identify a particular point in a sequence of the one or more first data fields where a reference to a set of client requested content is to be inserted.

33. (Original) A computer-readable medium as recited in claim 32:

wherein the data structure comprises a playlist; and

wherein the content items and the client requested content are streaming media content items that are respectively identified with a Universal Resource Locator.

34. (Original) A computer-readable medium as recited in claim 32:
wherein the data structure comprises a Web page;
wherein the content items are a first set of Web page specifications; and
wherein the client requested content are one or more second Web page specifications.
35. (New) A method for combining streaming media content items for streaming to a client computer across a network, the method comprising:
maintaining a playlist on a server computer, the playlist comprising at least one reference to a streaming media content item and at least one placeholder;
receiving a request for a requested streaming media content item at the server computer from a client computer over a network;
modifying, by the server computer, the playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item, such that the modified playlist comprises at least one reference to the requested streaming media content item and at least one reference to at least one further streaming media content item; and
providing the streaming media content items referenced by the modified playlist to the client computer over the network.

36. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 35, wherein modifying further comprises modifying, by the server computer, the playlist to create a modified playlist by replacing at least one placeholder with a reference to the requested streaming media content item.

37. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 36 wherein the further streaming media content item is provided by a remote computer across a network.

38. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 36 wherein both the requested streaming media content item and the further streaming media content item are provided by a remote computer across a network.

39. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 35, wherein modifying further comprises modifying, by the server computer, the playlist to create a modified playlist by replacing at least one placeholder with a reference to at least one further streaming media content item.

40. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 39, wherein the requested streaming media content item is provided by a remote computer across a network.

41. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 39, wherein the further streaming media content item is provided by a remote computer across a network.

42. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 39, wherein both the requested streaming media content item and the further streaming media content item are provided by a remote computer across a network.

43. (New) A method for combining streaming media content items for streaming to a client computer across a network, the method comprising:

maintaining a playlist on a server computer, the playlist comprising at least one reference to a streaming media content item and at least one placeholder;

receiving a request for a requested streaming media content item at the server computer from a client computer over a network;

copying, by the server computer, the playlist to create a duplicate playlist;

modifying, by the server computer, the duplicate playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item, such that the modified playlist comprises at least one reference to the requested streaming media content item and at least one reference to at least one further streaming media content item; and

providing the streaming media content items referenced by the modified playlist to the client computer over the network.

44. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 43, wherein modifying further comprises modifying, by the server computer, the duplicate playlist to create a modified playlist by replacing at least one placeholder with a reference to the requested streaming media content item.

45. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 44:

wherein the requested streaming media content item is provided by a remote computer across a network.

46. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 44, wherein the further streaming media content item is provided by a remote computer across a network.

47. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 44, wherein both the requested streaming media content item and the further streaming media content item are provided by a remote computer across a network.

48. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 43, wherein modifying further comprises modifying, by the server computer, the duplicate playlist to create a modified playlist by replacing at least one placeholder with a reference to at least one further streaming media content item.

49. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 48 wherein the requested streaming media content item is provided by a remote computer across a network.

50. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 48 wherein the further streaming media content item is provided by a remote computer across a network.

51. (New) The method for combining streaming media content items for streaming to a client computer across a network of claim 48, wherein both the requested streaming media content item and the further streaming media content item are provided by a remote computer across a network.

52. (New) At least one computer readable medium having embodied thereon computer executable code for causing a server computer to perform a method for combining streaming media content items for streaming across a network, the method comprising:

maintaining at least one playlist, a playlist comprising at least one reference to a streaming media content item and at least one placeholder;

receiving, over a network, a plurality of requests for streaming media content items from at least one client computer; and

for at least a subset of the received requests for streaming media content items:

(a) identifying a playlist maintained on the server computer;

(b) modifying the identified playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item, such that the modified playlist comprises at least one reference to a streaming media content item requested by the client computer and at least one reference to at least one further streaming media content item; and

(c) providing the streaming media content items referenced by the modified playlist from the server computer to the client computer over the network.

53. (New) The at least one computer readable medium of claim 52, wherein modifying further comprises modifying the playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item requested by the client computer.

54. (New) The at least one computer readable medium of claim 53, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving the requested streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

55. (New) The at least one computer readable medium of claim 53, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving the further streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

56. (New) The at least one computer readable medium of claim 53, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving both the requested streaming media content item and the further streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

57. (New) The at least one computer readable medium of claim 52, wherein modifying the playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item further comprises modifying the playlist to create a modified playlist by replacing at least one placeholder with a reference to a further streaming media content item.

58. (New) The at least one computer readable medium of claim 57, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving the requested streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

59. (New) The at least one computer readable medium of claim 57, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving the further streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

60. (New) The at least one computer readable medium of claim 57, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) receiving both the requested streaming media content item and the further streaming media content item from a remote computer across a network prior to providing the streaming media content items to the client computer.

61. (New) The at least one computer readable medium of claim 52, wherein the method further comprises, for at least a subset of the received requests for streaming media content items:

(d) copying the identified playlist to create a duplicate playlist; and wherein:

(b) modifying the playlist further comprises modifying the duplicate playlist to create a modified playlist by replacing at least one placeholder with a reference to a streaming media content item, such that the modified playlist comprises at least one reference to a streaming media content item requested by the client computer and at least one reference to at least one further streaming media content item.

62. (New) A server computer, the server computer receiving requests for streaming media content items from one or more of the client computers over a network, the server computer comprising:

at least one data storage medium having stored thereon a playlist comprising at least one reference to a streaming media content item and one or more placeholders; and

a data processor operable to modify the playlist by replacing at least one of the one or more placeholders with a reference, other than the at least one reference of the playlist, to a streaming media content item, such that the modified playlist references a streaming media content item requested by a client computer and at least one further streaming media content item.

63. (New) The server computer of claim 62, wherein the data processor is further operable to modify the playlist by replacing a placeholder with a reference to a streaming media content item requested by a client computer.

64. (New) The server computer of claim 62, wherein the data processor is further operable to modify the playlist by replacing a placeholder with a reference to a further streaming media content item.

65. (New) The server computer of claim 62, wherein the processor is further operable to copy the playlist stored on the data storage media to generate a duplicate playlist, and modify the duplicate playlist by replacing a placeholder with a reference to a streaming media content item, such that the modified playlist references a streaming media content item requested by a client computer and a further streaming media content item.

66. (New) A server computer to combine streaming media content items for streaming to one or more client computers over a network, the server computer comprising:

maintaining means to maintain at least one playlist having one or more references to streaming media content items and one or more placeholders;

receiving means to receive requests for streaming media content items from client computers;

replacing means to replace a placeholder in a playlist with a reference to a streaming media content item, such that the resulting playlist references a streaming media content item requested by a client and a further streaming media content item; and

streaming means to stream the streaming media content items referenced by the modified playlist to a client computer over the network.

67. (New) The server computer of claim 66, further comprising:

duplicating means to duplicate a playlist; and wherein:

the replacing means further comprises replacing means to replace a placeholder in the duplicate playlist with a reference to a streaming media content item, such that the resulting playlist references a streaming media content item requested by a client and a further streaming media content item.